CLAIMS:

1. Oral douche with a main conduit leading from a water container to a spray nozzle (3) and a reservoir for the supply of a treating agent to the spray nozzle (3), characterized in that the oral douche (1) includes means for the continuous mixing of the treating agent to the water flowing to the spray nozzle (3).

2. Oral douche according to claim 1, characterized in that the reservoir is constructed as mixing reservoir (6) and located between the water container and the spray nozzle (3), the water conveyed to the spray nozzle (3) being guided through the mixing reservoir (6) and that a substrate made of substances soluble by the water flowing past is positioned in the mixing reservoir.

3. Oral douche according to claim 1 or 2, characterized in that the mixing reservoir (6) is connected to the main conduit through a branch conduit.

4. Oral douche according to claim 3, characterized in that the branch conduit includes a restriction in diameter.

5. Oral douche according to one of claims 3 or 4, characterized in that a parallel conduit to the branch conduit is provided so that the mixing reservoir (6) is located in a branch stream relative to the main conduit.

6. Oral douche according to one of claims 1 or 2, characterized in that the mixing reservoir (6) is located in a portion of the main conduit and thereby is part of the main stream flowing through the main conduit.

7. Oral douche according to one of the preceding claims, characterized in that the mixing reservoir (6) includes a central tubular body (19) which forms the branch conduit.

8. Oral douche according to one of the preceding claims, characterized in that the mixing reservoir (6) is an annular chamber and includes a turbulence body through which the water is swirled around the substrate before it is guided to the spray nozzle.

9. Hand piece for an oral douche with a longitudinal grip body at the forward end of which a spray nozzle (3) is located and which includes a tube connector (4), whereby between the tube connector (4) and the spray nozzle (3) a longitudinal channel (16) forming the main conduit extends in the grip body, characterized in that a mixing chamber (7) forming a mixing reservoir (6) is formed in the grip body.

10. Hand piece according to claim 9, characterized in that the longitudinal channel (16) extends under the floor of the mixing chamber (7), whereby a connection exists with the longitudinal channel (16) through at least one bore in the floor of the mixing chamber (7).

11. Hand piece according to claim 9 or 10, characterized in that the mixing chamber (7) is closed by a removable cap (12).

12. Hand piece according to claim 11, characterized in that webs which extend radially and in an arc are formed on the underside of the cap (12) to form a turbulence body.

13. Hand piece according to claim 10, characterized in that the mixing chamber (7) includes a central tubular body (19) which is adapted for receiving an annular tablet (21),

whereby the bore between the longitudinal channel (16) and the mixing chamber (7) extends along the longitudinal axis of the tubular body (19).

14. Hand piece according to claim 10 or 13, characterized in that a further bore connecting the mixing chamber (7) with the longitudinal channel (16) is provided in the floor of the mixing chamber (7).

15. Hand piece according to claim 14, characterized in that the longitudinal channel (16) includes a blockage (23) between the openings of the bores.

16. Hand piece according to any one of claims 9 to 15, characterized in that the mixing chamber (7) and the tube connector (4) are formed at the rearward end of the grip body.

17. Hand piece according to claim 16, characterized in that the mixing chamber (7) and the tube connector (4) are formed at an end piece (11) of the hand piece (2) which is pushed onto a central, tubular portion (10) of the grip body.

18. Hand piece according to claim 17, characterized in that a pipe (13) forming a section of the longitudinal channel (16) is located in the central, tubular portion (10) which is insertable into an insertion bore (14) in the end piece (11).

19. Hand piece according to claim 17 or 18, characterized in that the tube connector is provided laterally on the end piece (11).